

**HOWELL MOUNTAIN FLOOD CONTROL
CONTINUING AUTHORITIES , SECTION 205**

PROJECT LOCATION AND DESCRIPTION: The Howell Mountain Flood Protection Project is located near the town of Angwin in Napa County, California. A variety of stabilization techniques were investigated for the purpose of securing the Friesen Lakes water system. This system is comprised of 10 small lakes, separated by earthen dams, which gravity feed into Lake Henne. The Howell Mountain Mutual Water Co., Inc. (HMMC), the non-Federal sponsor, operates the water distribution system at Lake Henne. Preliminary investigations showed that a general lack of structural stability and integrity could cause dam failure, which in turn could cause catastrophic flooding to the residential and commercial community of Angwin.

TOTAL FUNDING:

TOTAL COST:	\$ 2,000,000
FEDERAL COST:	\$ 1,000,000
NON-FEDERAL COST:	\$ 1,000,000

TOTAL FEDERAL COST THROUGH FY05:	\$ 50,000
FISCAL YEAR 2006 BUDGET:	\$ 0
COST TO COMPLETE:	\$ 950,000

FY 05 ACCOMPLISHMENTS: The Draft Initial Appraisal (IA) will be completed in January 2005. This report will be finalized as a Negative Report and the study terminated.

ISSUES AND OTHER INFORMATION: The Reconnaissance phase was started in October 2003 after receipt of Federal funding. The Project Delivery Team conducted a number of analyses and determined that there is no Federal interest in flood control at the Howell Mountain project site. After analyzing the worst case flooding scenario (that maximized benefits and minimized costs), and factoring in a probability of occurrence in any given year of less than 100%, preliminary results showed the B/C ratios were too low to support a flood damage reduction project. In addition, because the problem at the project site is not flooding of Conn Creek but stability of the Friesen Lakes dams, the problem definition must be shifted from flood damage reduction to dam safety. The IA will most likely recommend against a flood control project, but will describe as thoroughly as possible the problem under the without project conditions; identify potential future actions the HMMC (or other entity) could take to rectify the problem; and identify other authorities under which the Corps could potentially participate in the future, including the Planning Assistance to States program and the new CAP authority of small dam removal.

CONGRESSIONAL INTEREST: 1st Congressional District, Rep. Mike Thompson

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